Inhaltsverzeichnis der Bände 431–440

	Band	Seite
Aberbach, Ian M., Melvin Hochster, and **Craig Huneke,** Localization of tight closure and modules of finite phantom projective dimension	434.	67—114
Akahori, Takao, On the Kuranishi family of deformations of complex structures over a tubularneighborhood of a strongly pseudo convex boundary with complex dimension 3 algebras	433.	45—68
An, Jianbei, 2-weights for classical groups	439.	159—204
Assem, Magdy, Unipotent orbital integrals of spherical functions on p-adic 4×4 symplectic groups	437.	181—216
Barbieri Viale, L., and **V. Srinivas,** On the Néron-Severi group of a singular variety	435.	65—82
Beauzamy, Bernard, Estimates for H^2 functions with concentration at low degrees and applications to complex symbolic computation	433.	1—44
Becker, Paul-Georg, Transcendence of the values of functions satisfying generalized Mahler type functional equations	440.	111—128
Bekka, Mohammed E. B., and **Alain Valette,** On duals of Lie groups made discrete	439.	1—10
Benois, D. G., and **S. V. Vostokov,** Sur les représentations p-adiques des corps locaux multidimensionnels attachés aux groupes formels	437.	131—166
Bernis, Francisco, Josephus Hulshof, and **Juan Luis Vazquez,** A very singular solution for the dual porous medium equation and the asymptotic behaviour of general solutions	435.	1—31
Beukers, F., Algebraic values of G-functions	434.	45—65
Boyle, Mike, and **Wolfgang Krieger,** Automorphisms and subsystems of the shift	437.	13—28
Brodzki, Jacek, Derivations, semidirect products and reduced cyclic cohomology	436.	177—195
Browkin, Jerzy, On the p-rank of the tame kernel of algebraic number fields	432.	135—149
Burger, B. Edward, and **Jeffrey D. Vaaler,** On the decomposition of vectors over number fields	435.	197—219
Campana, F., and **H. Flenner,** Projective threefolds containing a smooth rational surface with ample normal bundle	440.	77—98
Chan, Shih-Ping, and **Chong-Hai Lim,** Relative Galois module structure of rings of integers of cyclomotic fields	434.	205—220

Chinburg, Ted, and **Robert Rumely,** The capacity pairing . . . . . 434. 1—44

Connell, Ian, Good reduction of elliptic curves in abelian extensions . . . . . 436. 155—175

Dadarlat, M., and **T. A. Loring,** The K-theory of abelian subalgebras of AF algebras . . 432. 39—55

Delzell, Charles N., Continuous, piecewise-polynomial functions which solve Hilbert's 17th problem . . . . . 440. 157—173

Dillen, Franki, and **Stefan Nölker,** Semi-Parallelity, multi-rotation surfaces and the helix-property . . . . . 435. 33—63

Ding, Hongming, and **Kenneth I. Gross,** Operator-valued Bessel functions on Jordan algebras 435. 157—196

Dipper, Richard, and **Jie Du,** Harish-Chandra vertices . . . . . 437. 101—130

Dodson, M. M., Hausdorff dimension, lower order and Khintchine's theorem in metric Diophantine approximation . . . . . 432. 69—76

Dorfmeister, Josef, and **Hongyou Wu,** Constant mean curvature surfaces and loop groups 440. 43—76

Du, Jie, siehe Dipper, Richard

van Duijn, and **L. A. Peletier,** How the interface approaches the boundary in the Dead Core Problem . . . . . 432. 1—21

Dykema, Ken, and **Alexandru Nica,** On the Fock representation of the q-commutation relations . . . . . 440. 201—212

Everest, G. R., On the canonical height for the algebraic unit group . . . . . 432. 57—68

Evertse, Jan-Hendrik, Decomposable for equations with a small linear scattering . . . . . 432. 177—217

Evertse, Jan-Hendrik, Estimates for reduced binary forms . . . . . 434. 159—190

Fantechi, Barbara, and **Lothar Göttsche,** The cohomology ring of the Hilbert scheme of 3 points on a smooth projective variety . . . . . 439. 147—158

Felix, Yves, Stephen Halperin, and **Jean-Claude Thomas,** Torsion in loop space homology 432. 77—92

Flenner, H., siehe Campana, F.

Fløystad, Gunnar, Determining obstructions for space curves, with applications to non-reduced component of the Hilbert scheme . . . . . 439. 11—44

Flynn, E. V., The group law on the Jacobian of a curve of genus 2 for the dual porous medium equationand the asymptotic behaviour of general solutions . . . . . 439. 45—69

Furusawa, Masaaki, On L-functions for $GSp(4) \times GL(2)$ and their special values . . . . . 438. 187—218

Göttsche, Lothar, siehe Fantechi, Barbara

Green, B., M. Matignon, and **F. Pop,** On valued function fields III Reductions of alegbraic curves . . . . . 432. 117—133

Gross, Kenneth I., siehe Ding, Hongming

Gross, Mark, Surfaces of degree 10 in the Grassmannian of lines in 3-space . . . . . 436. 87—127

Halperin, Stephen, siehe Felix, Yves

Hamburger, C., Regularity of differential forms minimizing degenerate elliptic functions 431. 7—64

Hansen, Johan P., and **Jeans Peter Pedersen,** Automorphism groups of Ree tye, Deligne-Lusztig curves and function fields . . . . . 440. 99—109

Heinz, Erhard, Lokale Abschätzungen und Randverhalten von Lösungen elliptischer Monge-Ampèrescher Gleichungen . . . . . 438. 1—29

Hijikata, H., and **K. Nishida,** Classification of Bass orders . . . . . 431. 191—220

Hochster, Melvin, siehe Aberbach, Ian M.

Huber, Heinz, Kreisscheiben auf Riemannschen Flächen und Eigenwerte des Laplace-Operators . . . . . 434. 191—204

Hulshof, Josephus, siehe Bernis, Francisco

Huneke, Craig, siehe Aberbach, Ian M.

Jacob, B., Moduli of Poncelet polygons . . . . . 436. 33—44

Kaji, Hajime, On the space curves with the same dual variety . . . . . 437. 1—11

Kaniuth, Eberhard, and **Annette Markfort,** The conjugation representation and inneramenability of discrete groups . . . . . 432. 23—37

Katz, Nicholas M., Estimates for Soto-Andrade sums . . . . . 438. 143—161

Keen, Linda, Bernard Maskit, and **Caroline Series,** Geometric finiteness and uniqueness for Kleinian groups with circle packing limit sets . . . . . 436. 209—219

Kissin, Edward, Representational indices of derivations of C^*-algebras and representations of*-algebras on Krein spaces . . . . . 439. 71—92

Koelblen, Laurent, Surfaces de P_4 tracées sur une hypersurface cubique . . . . . 433. 113—141

Krieger, Wolfgang, siehe Boyle, Mike

Kwasik, Slawomir, and **Terry Lawson,** Nonsmoothable Z_p actions on contractible 4-manifolds 437. 29—54

Lanteri, Antonio, and **Hidetoshi Maeda,** Adjoint bundles of ample and spanned vector bundles on algebraic surfaces . . . . . 433. 181—199

Lawson, Terry, siehe Kwasik, Slawomir

Lim, Chong-Hai, siehe Chan, Shih-Ping

Littelmann, Peter, Good filtrations and decomposition rules for representations with standard monomial theory . . . . . 433. 161—180

Liu, H.-Q., Lower bounds for sums of Barban-Davenport-Halberstam type . . . . . 438. 163—174

Loring, T. A., siehe Dadarlat, M.

Maeda, Hidetoshi, siehe Lanteri, Antonio

Markfort, Annette, siehe Kaniuth, Eberhard

Martin-Deschamps, Mireille, and **Daniel Perrin,** Courbes gauches et modules de Rao . . 439. 103—145

Maskit, Bernard, siehe Keen, Linda

Matignon, M., siehe Green, B.

Mezzetti, Emilia, The border cases of the lifting theorem for surfaces in P^4 . . . . . 433. 101—111

Mok, Ngaiming, and **I-Hsun Tsai,** Rigidity of convex realizations of irreducible bounded symmetric domains of rank >2 . . . . . 431. 91—122

Montaldi, James, and **Duco van Straten,** Quotient spaces and critical points of invariant functions for C^*-actions . . . . . 437. 55—99

Nakashima, Tohru, On Reider's method for surfaces in positive characteristic . . . . . 438. 175—185

Nazarov, Sergei, and **Konstantin Pileckas,** On noncompactfree boundary problems for the plane stationary Navier-Stokes equations . . . . . 438. 103—141

Neeb, Karl-Hermann, On the foundations of Lie semigroups . . . . . 431. 165—189

Nica, Alexandru, siehe Dykema, Ken

Nishida, K., siehe H., Hijikata

Nölker, Stefan, siehe Dillen, Franki

Noll, Dominikus, Second order differentiability of integral functionals on Sobolev spaces and L^2-spaces . . . . . 436. 1—17

Pedersen, Jens Peter, siehe Hansen, Johan P.

Peletier, L. A., siehe van Duijn, C. J.

Perrin, Daniel, siehe Martin-Deschamps, Mireille

Peters, C., J. Top, and **M. van der Vlugt,** The Hasse zeta function of a $K3$ surface related to the number of words of weight 5 in the Melas codes . . . . . 432. 151—176

Pileckas, Konstantin, siehe Nazarov, Sergei

Pirola, Gian Pietro, On a conjecture of Xiao . . . . . 431. 75—89

Pop, F., siehe Green, B.

van der Put, M., and **H. Voskuil,** Symmetric spaces associated to split algebraic groups over a local field . . . . . 433. 69—100

Quin, Zhenbo, Moduli of stable sheaves on ruled surfaces and their Picard groups . . . . 433. 201—219

Qin, Zhenbo, On the existence of stable rank-2 sheaves on algebraic surfaces . . . . . 439. 213—219

Råde, Johan, On the Yang-Mills heat equation in two and three dimensions . . . . . 431. 123—163

Rørdam, Mikael, Classification of inductive limits of Cuntz algebras . . . . . 440. 175—200

Rumely, Robert, siehe Chinburg, Ted

Runde, Volker, An epimorphism form C^*-algebra is continuous on the center of its domain 439. 93—102

Runge, Bernhard, On Siegel modular forms . . . . . 436. 57—85

Ruppert, Wolfgang M., Solving algebraic equations in roots of unity . . . . . 435. 119—156

Sander, J. W., Prime power divisors of binomial coefficients: Reprise . . . . . 437. 217—220

Savin, Gordan, An analogue of the Weil representation for G_2 . . . . . 434. 115—126

Schneider, P., and **Stuhler, U.,** Resolutions for smooth representations of the general linear group over a local field . . . . . 436. 19—32

Schneider, Peter, Points of rigid analytic varieties . . . . . 434. 127—157

Schulz, Friedmar, Boundary regularity for certain fully nonlinear elliptic equations . . . . 438. 87—102

Series, Caroline, siehe Keen, Linda

Simader, Christian G., Remarks on essential self-adjointness of Schrödinger operators with singular electrostatic potentials . . . . . 431. 1—6

Siu, Yum-Tong, Errata for "Nondeformability of the complex projective space" . . . . . 431. 65—74

Smale, Nathan, Geometric P.D.E.'s with isolated singularities . . . . . 440. 1—41

Sorger, Christoph, Thêta-charactéristiques des courbes tracées sur une surface lisse . . . . 435. 83—118

Srinivas, V., siehe Barbieri Viale, L.

Straten van, Duco, siehe Montaldi, James

Stuhler, U., siehe Schneider, P.

Suzuki, Toshiaki, On the biquadratic theta series . . . . . 438. 31—85

Terasoma, Tomohide, On the determinant of periods with finite monodromy . . . . . 433. 143—159

Thams, Lars, Two classical results in the quantum mixed case . . . . . 436. 129—153

Thomas, Jean-Claude, siehe Felix, Yves

Top, J., siehe Peters, C.

Tsai, I-Hsun, siehe Mok, Ngaiming

Umehara, Masaaki, and **Kotaro Yamada,** A parameterization of the Weierstrass formulae and perturbation of complete minimal surfaces in R^3 into the hyperbolic 3-space . . . 432. 93—116

Vaaler, Jeffrey D., siehe Burger, Edward B.

Vajaitu, Viorel, Cohomology with compact supports for p-complete spaces . . . . . 436. 45—56

Valette, Alain, siehe Bekka, Mohammed E. B.

Vazques, Juan Luis, siehe Bernis, Francisco

van der Vlugt, M., siehe Peters, C.

Voskuil, H., siehe van der Put, M.

Vostokov, S. V., siehe Benois, D. G.

Wingberg, Kay, On the maximal unramified p-extension of an algebraic number field . . . 440. 129—156

Wood, C. M., Instability of the nearly-Kähler six-sphere . . . . . 439. 205—212

Wu, Hongyou, siehe Dorfmeister, Josef

Xarles, Xavier, The scheme of connected components of the Néron model of an algebraic torus 437. 167—179

Yamada, Kotaro, siehe Umehara, Masaaki

Yamagishi, Masakazu, On the center of Galois groups of maximal pro-p extensions of algebraic number fields with restricted ramification . . . . . 436. 197—208

Inhaltsverzeichnis der Bände 431–440 . . . . . 440. 213—217

Portrait Emil Artin . . . . . 433.
Portrait Martin Eichler . . . . . 439.
Portrait Felix Hausdorff . . . . . 437.
Portrait Hans Zassenhaus . . . . . 431.